



**Network  
Control  
Center**

**STDN DAILY REPORT  
FOR GMT DAYS  
18,19 AND 20 FEBRUARY 2002**

**Part I. Operations**

**18 FEB.**

**A. SN Anomalies:**

**1. STGT/FUSE Support**

**18/0109-0129Z**

FUSE initially had a script problem delaying their blind acquisition. After correcting their problem FUSE tried commanding which was unsuccessful. STGT did not see commands arriving on station. Event terminated before any further troubleshooting was done. TTR # 24233

171 SSAR-1 20 Mins Svc/Data Loss Recoverable

**2. STGT/FUSE Support**

**18/0322-0325Z**

Loss PTP socket connection. POCC reported a loss of telemetry , the TM was contacted and report a line connection error had been received. The system was rebooted and socket connection was re-established. TTR # 24224

171 SSAR-1 0300-0330Z 3 Mins Svc/Data Loss  
(Recov unknown)

**3. STGT/ERBS Support**

**18/1502-1648Z**

Return service dropouts on Q channel reason unknown. This anomaly effected two events. TTR 24225

TDE MAR-2 1449-1519Z 32 Secs Svc/Data Loss Recov  
TDE MAR-5 1635-1656Z 29 Secs Svc/Data Loss Recov

B. ISS Anomalies - None.

C. GN Anomalies:

**1. AGS/JASON-1 Support**

**18/0117-0127Z**

LEO-T scheduler failed to transfer schedule internally.  
CDS ID # 30306

LEO-T 10 Mins Svc Loss

**2. WGS/SNOE Support**

**18/1713-1721Z**

Following AOS the Project did not receive any down link  
from their spacecraft reason unknown. CDS ID # 30307

LEO-T 1711-1722Z 7 Mins 59 Secs Svc/Data Loss Recov  
Unknown

19 FEB.

A. SN Anomalies:

**1. STGT/FUSE Support**

**19/2030-2216Z**

Intermittent STGT WDISC PTP socket connections. During  
the first event the TM had to restore the PTP connection  
five times. The second and third events had no connection  
at AOS with the second event also incurring dropped  
connection midway through the support. TTR # 24226

TDS SSAR-1 2025-2055Z 24 Mins 56 Secs Svc/Data Loss  
Recov

TDE SSAR-1 2215-2242Z 3 Mins 30 Secs SVC/Data Loss  
Recov

TDS SSAR-1 2252-2312Z 58 Secs Svc/Data Loss Recov

B. ISS Anomalies - None.

C. GN Anomalies:

**1. AGS/EO-1 Support**

**19/0031-0033Z**

The bit syncs started breaking and reacquiring lock switched to S-Band on the spectrum analyzer and noticed the 30+dbm S/N signal where the side bands had been. CDS ID # 30310

11 Meter 0023-0033Z 2 Mins Svc/Data Loss Recov Unknown

**2. SGS/QST Support**

**19/0740-0840Z**

The power plant in Longyearbyen failed, which caused routers to go down at the office to lose power.  
CDS ID # 30311

11 Meter 0800-0812Z 12 Mins Svc Loss

**3. SKS/QST Support**

**19/2130-2146Z**

E1 line is down. Unable to forward real time data, recorded data on hole until E1 line is up. CDS ID # 30313

11 Meter 15 Mins 34 Sec Service Loss

**4. WGS/QST Support**

**19/2328-2331Z**

During the 2M the data was dropping in and out, causing a lot of dropouts and CRC errors reason unknown. The frequency was changed on the tracking receiver and cross patched the combiner into bit sync six to clear the problem.  
CDS ID # 30314

11 Meter 3 Mins Svc/Data Loss Recoverable Unknown

20 FEB.

A. SN Anomalies:

**1. STGT/FUSE Support**

**20/0358-0400Z**

TDS late socket connection at AOS reason unknown.  
Socket established at 03:59:10Z vice 03:58:00Z

TDS SSA2F/R 0358-0410Z 1 Min. 10 Sec. Svc/Data Loss  
Recoverable

**2. STGT/FUSE Support**

**20/2157-2224Z**

Fuse anomaly after a forward sweep user reported losing command socket. After various attempts to troubleshoot it was found that PTP board 1 at STGT was not updating. To clear the anomaly STGT had to reset the PTP.

TDS SSA1F/R 2130-2224Z 26 Min. Svc/Data Loss (Recov)

B. ISS Anomalies - None.

C. GN Anomalies:

**1. SKS/TERRA**

**20/1307-1320Z**

During support, TNOC was unable to monitor commands sent on prime GSIP. TERRA reported that they were unable to lock on SKS uplink carrier. CDS ID #30316

11 Meter 12 Mins 30 Sec Service Loss

**2. SGS/TERRA**

**20/1445-1450Z**

After the dump started, no lock on Terra receiver #2. After power cycle, SKS input modes again before we receive good lock on the receiver. CDS #30317

11 Meter 5 Mins Service Loss

### **3. SKS/TERRA**

**20/1448-1450Z**

After event start, the receiver lost lock. Lock was acquired after manually switching the modes. CDS #30318

11 Meter 1 Min Service Loss

### **4. SKS/TERRA**

**20/1622-1634Z**

Commanding was not performed due to a broken line-driver in the uplink chain. CDS #30319

11 Meter 12 Mins Service Loss

### **5. AGS/ALL**

**20/0005-0436Z**

ACU failed to power up properly after failure. Failure occurred while performing Autotrack Alignment Procedures.  
CDS #30320

TOTS-1 4 Hrs 31 Mins Svc Loss

### **6. AGS/FAST**

**20/0156-0210Z**

Autotrack was inoperative due to AZ Autotrack alignment that was not completed. CDS #21894

TOTS-1 14 Minutes Svc/Data Loss (Non-Recov)

### **7. SKS/QUIKSCAT Support**

**20/2104-2121Z**

SKS Station was declared RED due to a uplink problem with the HPA and Matrix switch. CDS ID # 30322

11 Meter 15 Min. 13 Sec. Svc/Data Loss (Non-Recov)

**D.ISS** declared a **Spacecraft Emergency** at 20/2256Z due to fumes of unknown origin in the US compartment of the Spacecraft.

E. **ISS** terminated it's **Spacecraft Emergency** at 20/2338Z.

**Part II. NCCDS Anomalies (OE Report) - None.**

**Part III. Scheduled Activities - None:**

ATLAS III/CENTAUR-204 ECHOSTAR VII 21/0943-1314Z

HST NICMOS WHEEL MINI FUNCTIONAL TEST 21/1300Z

STS-109 SM3B SN VERIFICATION /VALIDATION TEST  
21/1430-2000Z

GROUND NETWORK AQUA NOMINAL OPS SIM #2  
21/1000Z

**Part IV Forecast Changes - None.**